JavaScript Practice Problems (Beginner Level: Loops, Conditionals, Functions)

✅Instructions:

- These 100 problems are designed for beginners.
- All exercises focus only on `loops`, `conditionals`, and `functions` — no advanced JavaScript required.
- Try solving each using `for` loops, `while` loops, `if...else`, and basic function declarations.
- Use VS Code or any JavaScript environment to test your code.

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100 Practice Problems

1. Write a function that prints numbers from 1 to 10.
2. Write a function that prints numbers from 10 to 1.
3. Write a function that prints all even numbers from 1 to 20.
4. Write a function that prints all odd numbers from 1 to 20.
5. Write a function that takes a number and prints whether it is positive or negative.
6. Write a function that prints the multiplication table of 5.
7. Write a function that takes a number and prints its multiplication table.
8. Write a function that returns the sum of numbers from 1 to 100.
9. Write a function that prints the first 10 square numbers.
10. Write a function that prints the first 10 cube numbers.
11. Write a function that checks whether a number is divisible by 3.
12. Write a function that checks whether a number is divisible by 5.
13. Write a function that checks whether a number is divisible by both 3 and 5.
14. Write a function that prints "Fizz" for numbers divisible by 3, "Buzz" for numbers divisible by 5, and "FizzBuzz" for both.
15. Write a function that prints even numbers between two values (inclusive).
16. Write a function that prints odd numbers between two values (inclusive).
17. Write a function that returns the factorial of a number.
18. Write a function that prints all multiples of 4 from 1 to 100.
19. Write a function that prints numbers from 100 down to 1.
20. Write a function that prints all numbers divisible by 6 up to 60.
21. Write a function that prints numbers between 1 and 100 that are divisible by 7.
22. Write a function that prints whether numbers from 1 to 50 are even or odd.
23. Write a function that sums all even numbers from 1 to 100.
24. Write a function that sums all odd numbers from 1 to 100.
25. Write a function that prints every 3rd number from 1 to 30.
26. Write a function that checks if a number is greater than 100.
27. Write a function that takes two numbers and prints the larger one.
28. Write a function that takes two numbers and prints the smaller one.
29. Write a function that prints numbers from `n` to `1` using a loop.
30. Write a function that prints all negative numbers from -1 to -20.
31. Write a function that prints the sum of all numbers from `a` to `b`.

32. Write a function that prints the product of numbers from 1 to `n`.
33. Write a function that counts backwards from a given number using a `while` loop.
34. Write a function that prints numbers from 1 to `n` using a `while` loop.
35. Write a function that prints "Hello" `n` times using a `for` loop.
36. Write a function that prints "Goodbye" `n` times using a `while` loop.
37. Write a function that prints the first `n` even numbers.
38. Write a function that prints the first `n` odd numbers.
39. Write a function that prints all numbers divisible by 9 up to 90.
40. Write a function that prints all multiples of 10 up to 100.
41. Write a function that prints "Yes" if a number is greater than 50, otherwise prints "No".
42. Write a function that returns `true` if a number is odd, otherwise `false`.
43. Write a function that prints numbers between 1 and 100 that are divisible by 2 or 3.
44. Write a function that returns the difference between two numbers.
45. Write a function that returns the square of a number.
46. Write a function that returns the cube of a number.
47. Write a function that prints the countdown from `n` to 0.
48. Write a function that counts from `n` up to `m`.
49. Write a function that sums only even numbers between `a` and `b`.
50. Write a function that prints "Even" or "Odd" for numbers 1 to 20.
51. Write a function that returns `true` if a number is divisible by 10.
52. Write a function that prints the reverse of the numbers from 1 to `n`.
53. Write a function that prints all numbers less than 100 that are divisible by 8.
54. Write a function that returns the absolute difference between two numbers.
55. Write a function that prints the first 10 numbers of the form `2n + 1`.
56. Write a function that prints numbers from 1 to `n`, skipping multiples of 3.
57. Write a function that returns `true` if a number is between 50 and 100.
58. Write a function that prints all two-digit numbers divisible by 5.
59. Write a function that prints the total number of even numbers between 1 and 50.
60. Write a function that prints the total number of odd numbers between 1 and 50.
61. Write a function that prints the average of numbers from 1 to `n`.
62. Write a function that prints the double of all numbers from 1 to 10.
63. Write a function that prints the triple of all numbers from 1 to 10.
64. Write a function that returns the larger of three numbers.
65. Write a function that returns the smallest of three numbers.
66. Write a function that checks if a number is equal to 100.
67. Write a function that prints the squares of numbers from 1 to 20.
68. Write a function that prints only even numbers from 20 down to 1.
69. Write a function that prints only odd numbers from 20 down to 1.
70. Write a function that returns `true` if a number is a multiple of 2 and 5.
71. Write a function that returns the sum of digits from 1 to `n`.
72. Write a function that prints the pattern: 1 3 5 7 9 (first `n` odd numbers).
73. Write a function that prints the pattern: 2 4 6 8 10 (first `n` even numbers).
74. Write a function that returns `true` if a number is a two-digit number.
75. Write a function that prints "High" if a number > 90, "Medium" if between 60-90, else "Low".
76. Write a function that prints all odd numbers less than `n`.
77. Write a function that prints all even numbers less than `n`.
78. Write a function that prints every number from 1 to 50 that is not divisible by 4.

79. Write a function that returns `true` if a number is divisible by either 2, 3, or 5.
80. Write a function that returns the sum of all numbers from `n` down to 1.
81. Write a function that prints all values between `a` and `b` in reverse order.
82. Write a function that prints all multiples of `n` up to 100.
83. Write a function that returns `true` if `a` is greater than both `b` and `c`.
84. Write a function that returns the average of three numbers.
85. Write a function that prints a number and its square from 1 to `n`.
86. Write a function that prints a number and its cube from 1 to `n`.
87. Write a function that prints "Even", "Odd", or "Zero" for numbers -5 to 5.
88. Write a function that prints the range between two values.
89. Write a function that prints the next 10 numbers after `n`.
90. Write a function that prints the previous 10 numbers before `n`.
91. Write a function that returns the result of multiplying two numbers.
92. Write a function that returns the result of dividing two numbers.
93. Write a function that prints every second number from 1 to 20.
94. Write a function that prints every third number from 1 to 30.
95. Write a function that prints a decreasing pattern: 5 4 3 2 1.
96. Write a function that prints an increasing pattern: 1 2 3 4 5.
97. Write a function that prints numbers from -10 to 10.
98. Write a function that prints only positive numbers from -10 to 10.
99. Write a function that prints only negative numbers from -10 to 10.
100. Write a function that prints "Yes" if a number is divisible by both 2 and 3; else "No".